The department of Computer Applications had organized a Two days National Level Workshop on Machine Learning Techniques on January 3-4, 2020 at Coimbatore Institute of Technology, Coimbatore. The workshop was attended by 23 external faculty and research scholars from various Engineering and Arts colleges from Tiruppur, Erode and Coimbatore and 19 internal faculty and PG students from various departments of C.I.T.

This workshop focused mainly on the commonly used Machine Learning Techniques and its applications in real world along with hands-on session using Python.

The resources persons for the workshop were Dr. M. Jaisakthi and Mr. Manoj Prabhakar. Dr. M. Jaisakthi from Vellore Institute of Technology, Vellore has ample research experience in the area of image processing and has completed many funded projects in deep learning. Mr. Manoj Prabhakar who is currently working in Ericsson R&D, Bangalore is an experienced Data Analyst. He has worked on many projects involving machine learning algorithms.

On the first day, Dr. M. Jaisakthi delivered the lecture on Deep Learning and its application in image classification. The practical sessions were in Python. She also shared her research work as a case study to the participants. On the second day, Mr. Manoj covered the basics of machine learning, building regression models and classification. The participants were shared with sample datasets for the hands-on session. The Python codes for the same were executed by them in the lab.

The participants were introduced to the core Machine Learning techniques and its implementation using Python programming language. The feedback from the participants showed that the techniques and technologies delivered had applications in various domains and would help them in their research also.

Entire event was coordinated by Dr. J. Shana, Ms. L. YamunaDevi as Coordinators and Ms. A. G. Aruna and Ms. V. Vishu as Organizing Committee members.